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2660-0019 US

UNITED STATES DEPARTMENT OF COMMERCE
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HELLER EHRMAN WHITE & MCAULIFFE
JACQUES M. DULIN, ESQ.
525 UNIVERSITY AVENUE
PALO ALTO, CA 94301-1900



101258109A

UNITED STATES PATENT AND TRADEMARK OFFICE
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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/25/1999

REEL/FRAME: 010517/0655
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

POURAHMADI, FARZAD

DOC DATE: 06/07/1999

ASSIGNOR:

MCMILLAN, WILLIAM A.

DOC DATE: 06/07/1999

ASSIGNOR:

CHING, JESUS

DOC DATE: 06/08/1999

ASSIGNOR:

CHANG, RONALD

DOC DATE: 06/08/1999

ASSIGNOR:

CHRISTEL, LEE A.

DOC DATE: 06/08/1999

ASSIGNOR:

KOVACS, GREGORY T.A.

DOC DATE: 06/11/1999

ASSIGNOR:

NORTHROP, M. ALLEN

DOC DATE: 06/07/1999

SPAWN LLP - SILICON VALLEY
PATENT BROKERAGE

APR 19 2000

[Handwritten signature]

R. DENNIS / Sch

010517/0655 PAGE 2

ASSIGNOR:
PETERSEN, KURT E.

DOC DATE: 06/09/1999

ASSIGNEE:
CEPHEID
1190 BORREGAS AVENUE
SUNNYVALE, CALIFORNIA 94089-1302

SERIAL NUMBER: 09331911
PATENT NUMBER:

FILING DATE: 06/25/1999
ISSUE DATE:

STEVEN POST, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

A/D 581.40

09/331911

PTO-1595

02-04-2000

09/331911
Filed PCT/PTO 25 JUN 1999
Department of Commerce Patent and Trademark Officemm
5/25/99

101258109

To the Honorable Commissioner of Patents and
Please record the attached original document(s)

1. Name of the conveying party(ies)

Farzad Pourahmadi
William A. McMillan
Jesus Ching
Ronald Chang
Lee A. Christel
Gregory T.A. Kovacs
M. Allen Northrup
Kurt E. Petersen

2. Name and address of the receiving party(ies):

CEPHEID
1190 Borregas Avenue
Sunnyvale, CA 94089-1302Additional Names(s) and Address(es) Attached
[] Yes [X] No

Additional name(s) of conveying party(ies) attached? No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Dates: _____

4. Application Number(s) or Patent Number(s)

If this document is being filed together with a new application, the execution date of the application is: N/A

A. Application No.: PCT/US98/27632

B. Patent No(s). N/A

Additional Numbers Attached? [] Yes [X] No

5. Name and address of party to whom correspondence should be mailed:

Jacques M. Dulin, Esq.
HELLER EHRMAN WHITE & McAULIFFE
525 University Avenue
Palo Alto, CA 94301-1900Telephone direct: (650) 324-7109
Facsimile: (650) 324-0638

6. Total number of Applications and Patents involved 1

Total Fee (37 CFR §3.41) \$ 40.00

[] Enclosed [] Previously Paid

[x] Authorized to charge to Deposit Acct #08-1641
for \$40.00 and any additional fees.

8. Deposit Account No. 08-1641.

Please reference Attorney

Docket No. 22660-0004PCT

(Attached duplicate copy if paying by Deposit Account)

7/02/1999 WCLAYBRO 00000017 09331911

4 FC:581

40.00 DP

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert F. Dennis, Esq.
Reg. No. 40,988
Name of Person Signing

Signature

6/25/99
Dated

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

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Washington, DC 20231

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ASSIGNMENT

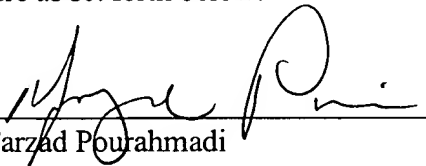
WHEREAS, We, Farzad Pourahmadi, William A. McMillan, Jesus Ching, Ronald Chang, Lee A. Christel, Gregory T.A. Kovacs, M.Allen Northrup, and Kurt E. Petersen, having the respective addresses indicated below, have invented certain subject matter entitled "Integrated Fluidic Cartridge" (the "Invention") for which We have executed Attorney Docket No. 22660-0004P1 for Letters Patent of the United States of America;

AND WHEREAS, Cepheid, a corporation of California, having an address at 1190 Borregas Avenue, Sunnyvale, CA 94089 ("CEPHEID") desires to perfect its right to the Invention and in the Letters Patent to be obtained therefor from the United States of America and all countries foreign thereto;


NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, We acknowledge CEPHEID's interest in the Invention and hereby assign to CEPHEID for the United States of America and for all countries foreign thereto, all our rights, title and interest, including all rights under the Paris Convention for the Protection of Industrial Property, in the Invention, as described and claimed in Attorney Docket No. 22660-0004P1, or in any continuation, division, reissue, reexamination or extension thereof and any legal equivalent thereof in a country foreign to the United States of America; the Invention, application and Letters Patent to be owned by CEPHEID, its successors, assigns and legal representatives, to the full end of the term for which such Letters Patent may be granted.

This assignment is effective as of the earlier of: (a) the date of my signature hereto, or (b) the filing date accorded by the United States Patent and Trademark Office to Attorney Docket No. 22660-0004P1, International Application No. PCT/US98/27632, as indicated in the Filing Receipt for said application.

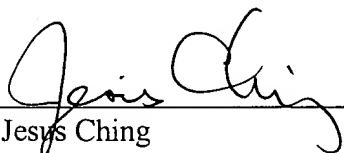
I have read and understand this Assignment document and agree hereto, as indicated by my signature as set forth below.

Signature  Date 6/7/99
Farzad Pourahmadi

Address 41013 Pajaro Drive, Fremont, California 94539

Signature  Date 6/7/99
William A. McMillan

Address 8051 Presidio Drive, Cupertino, California 95014

Signature  Date 6-8-99
Jesus Ching

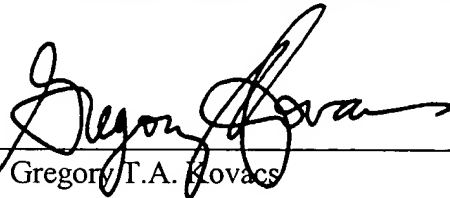
Address 2317 Alcalde Street, Santa Clara, California 95054

Signature  Date 6/8/99
Ronald Chang

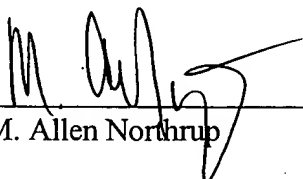
Address 3312 Hoover Street, Redwood City, California 94063

Signature  Date 6/8/99
Lee A. Christel

Address 3747 La Donna Street, Palo Alto, California 94306

Signature  Date 6/11/99
Gregory T.A. Kovacs

Address 105 Peter Coutts Circle, Stanford, California 94305

Signature  Date June 7, 1999
M. Allen Northrup

Address 616 Vistamont Avenue, Berkeley, California 94708

Signature  Date 6/9/99
Kurt E. Petersen

Address 3655 Valley Ridge Lane, San Jose, California 95148

ATTACHMENT

RECORDED ASSIGNMENT OF 09/583,807



7660-0028
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
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Washington, D.C. 20231

MAY 22, 2001

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HELLER EHRMAN WHITE & MCAULIFFE
WILLIAM SCHMONSEES, ESQ.
525 UNIVERSITY AVENUE
PALO ALTO, CALIFORNIA 94301-1900



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RECORDATION DATE: 03/05/2001

REEL/FRAME: 011586/0924
NUMBER OF PAGES: 5

BRIEF: RE-RECORD TO CORRECT THE NAME OF THE 9TH ASSIGNOR, PREVIOUSLY RECORDED ON REEL 011181 FRAME 0431, ASSIGNOR CONFIRMS THE ASSIGNMENT OF THE ENTIRE INTEREST.

ASSIGNOR:

PETERSEN, KURT E.

DOC DATE: 08/30/2000

ASSIGNOR:

TAYLOR, MICHAEL T.

DOC DATE: 08/29/2000

ASSIGNOR:

POURAHMADI, FARZAD

DOC DATE: 08/31/2000

ASSIGNOR:

MCMILLAN, WILLIAM A.

DOC DATE: 09/05/2000

ASSIGNOR:

CHANG, RONALD

DOC DATE: 08/30/2000

ASSIGNOR:

SAKAI, STANLEY H.

DOC DATE: 09/01/2000

ASSIGNOR:

CHING, JESUS

DOC DATE: 09/05/2000

011586/0924 PAGE 2

ASSIGNOR:
DORITY, DOUGLAS B.

DOC DATE: 09/05/2000

ASSIGNOR:
BELGRADER, PHILLIP

DOC DATE: 08/31/2000

ASSIGNOR:
NORTHROP, M. ALLEN

DOC DATE: 09/05/2000

ASSIGNEE:
CEPHEID
1190 BORREGAS AVENUE
SUNNYVALE, CALIFORNIA 94089

SERIAL NUMBER: 09583807
PATENT NUMBER:

FILING DATE: 05/30/2000
ISSUE DATE:

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

03-19-200

PTO-1595

3-5-01

RECORD



ce Patent and Trademark Office

101640885

To the Honorable Commissioner of Patents and Trademarks
Please record the attached original document(s) or copy(ies) thereof

Attorney Docket No. 22660-0028US

1. Name of the conveying parties

- 1 Kurt E. PETERSEN
- 2 Michael T. TAYLOR
- 3 Farzad POURAHMADI
- 4 William A. MCMILLAN
- 5 Ronald CHANG
- 6 Stanley H. SAKAI
- 7 Jesus CHING
- 8 Douglas B. DORITY
- 9 Phillip BELGRADER
- 10 M. Allen NORTHRUP

Additional name(s) of conveying party(ies) attached? No

2. Name and address of the receiving party(ies):

CEPHEID
1190 Borregas Avenue
Sunnyvale, CA 94089

Additional Names(s) and Address(es) Attached
[] Yes [X] No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

Execution Dates:

1:	August 30, 2000
2:	August 29, 2000
3:	August 31, 2000
4:	September 5, 2000
5:	August 30, 2000
6:	September 1, 2000
7:	September 5, 2000
8:	September 5, 2000
9:	August 31, 2000
10:	September 5, 2000

4. Application Number(s) or Patent Number(s)

If this document is being filed together with a new application, the execution date of the application is: N/A

A. U.S. Patent Application No.: 09/583,807

B. Patent No(s). N/A

Additional Numbers Attached? [] Yes [X] No

5. Name and address of party to whom correspondence should be mailed:

William Schmonsees, Esq.
HELLER EHRMAN WHITE & McAULIFFE
525 University Avenue
Palo Alto, CA 94301-1900

Telephone direct: (650) 324-7041
Facsimile: (650) 324-0638

6. Total number of Applications and Patents involved 1

7. Total Fee (37 CFR §3.41) \$40.00
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

William Schmonsees
Reg. No. 31,796
Name of Person Signing

Signature

Date

2/27/01

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10-31-2000

9.14.00

PTO-1595



101499666

Department of Commerce Patent and Trademark Office
HEETTo the Honorable Commissioner of Patents and Trademarks
Please record the attached original document(s) or copy(ies) thereof

Attorney Docket No. 22660-0028US

1. Name of the conveying parties

- 1 Kurt E. PETERSEN
- 2 Michael T. TAYLOR
- 3 Farzad POURAHMADI
- 4 William A. MCMILLAN
- 5 Ronald CHANG
- 6 Stanley H. SAKAI
- 7 Jesus CHING
- 8 Douglas B. DORITY
- 9 Phillip BELGRADE BELGRADER
- 10 M. Allen NORTHRUP

Additional name(s) of conveying party(ies) attached? No

2. Name and address of the receiving party(ies)

CEPHEID
1190 Borregas Avenue
Sunnyvale, CA 94089

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3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

Execution Dates:

- 1: August 30, 2000
- 2: August 29, 2000
- 3: August 31, 2000
- 4: September 5, 2000
- 5: August 30, 2000
- 6: September 1, 2000
- 7: September 5, 2000
- 8: September 5, 2000
- 9: August 31 2000
- 10: September 5, 2000

Additional Names(s) and Address(es) Attached
[] Yes [X] No

4. Application Number(s) or Patent Number(s)

If this document is being filed together with a new application, the execution date of the application is: N/A

A. U.S. Patent Application No.: 09/583,807

B. Patent No(s). N/A

Additional Numbers Attached? [] Yes [X] No

5. Name and address of party to whom correspondence should be mailed:

William Schmonsees, Esq.
HELLER EHRMAN WHITE & McAULIFFE
525 University Avenue
Palo Alto, CA 94301-1900

Telephone direct: (650) 324-7041
Facsimile: (650) 324-0638

6. Total number of Applications and Patents involved 17. Total Fee (37 CFR §3.41) \$ 40.00

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert F. Dennis

Reg. No. 40,988

Name of Person Signing

Signature

Date

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Washington, DC 20231

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ASSIGNMENT

WHEREAS, We, Kurt E. Petersen, Michael T. Taylor, Farzad Pourahmadi, William A. McMillan, Ronald Chang, Stanley H. Sakai, Jesus Ching, Douglas B. Dority, Phillip Belgrader, and M. Allen Northrup, having the respective addresses indicated below, have invented certain subject matter entitled "Apparatus and Method for Analyzing a Fluid Sample" (the "Invention") assigned Application No. 09/583,807 for Letters Patent of the United States of America;

AND WHEREAS, Cepheid, a corporation of California, having an address at 1190 Borregas Avenue, Sunnyvale, CA 94089 ("CEPHEID") desires to perfect its right to the Invention and in the Letters Patent to be obtained therefor from the United States of America and all countries foreign thereto;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, We acknowledge CEPHEID's interest in the Invention and hereby assign to CEPHEID for the United States of America and for all countries foreign thereto, all our rights, title and interest, including all rights under the Paris Convention for the Protection of Industrial Property, in the Invention, as described and claimed in Application No. 09/583,807 or in any continuation, division, reissue, reexamination or extension thereof and any legal equivalent thereof in a country foreign to the United States of America; the Invention, application and Letters Patent to be owned by CEPHEID, its successors, assigns and legal representatives, to the full end of the term for which such Letters Patent may be granted.

This assignment is effective as of the earlier of: (a) the date of my signature hereto,
or (b) the filing date accorded by the United States Patent and Trademark Office to Application No.
09/583,807 as indicated in the Filing Receipt for said application.

I have read and understand this Assignment document for Application No.
09/583,807 and agree hereto, as indicated by my signature as set forth below.

Signature Kurt Petersen Date 8/30/00
Kurt E. Petersen

Address 460 Oak Grove Drive #205, Santa Clara, CA 95054

Signature Michael T. Taylor Date 8-29-00
Michael T. Taylor

Address 6304 Buena Vista Dr. #C, Newark, CA 94560

Signature Farzad Pourahmadi Date 8/31/00
Farzad Pourahmadi

Address 41013 Pajaro Drive, Fremont, CA 94539

Signature William A McMillan Date 9/5/00
William A McMillan

Address 8051 Presidio Drive, Cupertino, CA 95014

Signature Ronald Chang Date 8/30^{2.C.}/00
Ronald Chang

Address 3312 Hoover Street, Redwood City, CA 94063

Signature Stanley H. Sakai Date 9/1/2000
Stanley H. Sakai

Address 10325 Menhart Lane, Cupertino, CA 95014

Signature Jesus Ching Date 9/5/00
Jesus Ching

Address 2317 Alcalde Street, Santa Clara, CA 95054

Signature Douglas B. Dority Date 9/5/00
Douglas B. Dority

Address 25 Castle Rock Drive, Mill Valley, CA 94941

Signature Phillip Belgrader Date 8/31/00
Phillip Belgrader

Address 719 Pebble Way, Manteca, CA 94336

Signature M. Allen Northrup Date 9-5-00
M. Allen Northrup

Address 616 Vistamont Avenue, Berkeley, CA 94708